

Science and engineering profile: Colorado

Characteristic	State	U.S. total	Rank
Employed SEH doctorate holders, 2006	13,150	620,140	16
S&E doctorates awarded, 2007	591	31,801	18
Life sciences (%)	26	26	–
Engineering (%)	23	24	–
Physical sciences (%)	15	13	–
SEH postdoctorates in doctorate-granting institutions, 2006	1,099	49,201	14
SEH graduate students in doctorate-granting institutions, 2006	10,683	542,073	19
Population, 2008 (thousands)	4,939	308,014	22
Civilian labor force, 2008 (thousands)	2,730	155,366	22
Personal income per capita, 2007 (dollars)	41,192	38,615	12
Federal spending			
Total expenditures, 2007 (\$millions)	34,828	2,532,073	27
R&D obligations, 2006 (\$millions)	2,030	107,545	16
Total R&D performance, 2006 (\$millions)	6,153	335,377	17
Industry R&D, 2006 (\$millions)	4,657	243,853	16
Academic R&D, 2007 (\$millions)	873	49,406	17
Life sciences (%)	48	60	–
Environmental sciences (%)	21	6	–
Engineering (%)	11	15	–
SBIR awards, 2000–07	2,164	44,157	5
Utility patents issued to state residents, 2008	1,622	77,493	15
Gross domestic product, 2007 (\$billions)	236	13,832	20

– = no value possible.

S&E = science and engineering; SEH = science, engineering, and health; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

Rankings are based on unrounded totals; they do not account for margin of error of estimates from sample surveys. Employed SEH doctorate holders include only recipients of U.S. doctoral degrees. State estimates for employed SEH doctorate holders may have large sampling errors because the source for these data, the Survey of Doctorate Recipients, was not designed to provide a sample for estimates at the state level; these data are classified by the state where the doctorate holder resides, if known; otherwise, data are classified by employer's location.

Federal obligations for research and development, by agency and performer: Colorado, FY 2006 (Thousands of dollars)

Agency	Performer						Rank
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits	
All agencies	2,029,641	277,517	193,885	1,028,834	475,471	41,107	16
Department of Agriculture	36,314	24,189	0	119	11,926	80	21
Department of Commerce	132,688	100,146	2,813	3,684	25,545	0	2
Department of Defense	834,878	52,439	4,489	750,099	27,749	102	18
Department of Energy	116,059	628	86,875	10,268	13,572	4,716	11
Department of Health and Human Services	330,442	10,654	0	17,377	268,064	26,626	20
Department of Homeland Security	1,213	472	0	280	0	0	33
Department of the Interior	85,652	79,966	0	1,960	2,125	506	2
Department of Transportation	14,813	8,054	2,392	4,073	0	219	9
Environmental Protection Agency	2,043	0	0	954	363	726	21
National Aeronautics and Space Administration	280,968	0	111	218,347	59,592	212	5
National Science Foundation	194,571	969	97,205	21,673	66,535	7,920	4
Rank	16	15	10	12	16	22	–

– = no value possible.

FFRDC = federally funded research and development center.

NOTES: Federal R&D obligations are as reported by funding agencies. Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources; see the section, "Data Sources for Science and Engineering State Profiles."